

AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) An ordnance venting system to reduce the danger of explosion from heat induced over-pressurization in rocket warheads, comprising:

a first rocket section comprising a rocket warhead section having at least a first connectable end; and,

an adapter for melting at high temperatures ~~having~~ comprising a first mating surface and a second mating surface, the first mating surface of the adapter effective to rigidly connect to the first connectable end of the rocket warhead section and the second mating surface of the adapter effective to rigidly connect with a connectable end of a second rocket section comprising a fuze section,

wherein the adapter binds the first rocket section and the fuze rocket section,

wherein a portion of the second mating surface extends beyond the first connectable end in contact with the rocket fuze section, and

wherein the first mating surface and the second mating surface are non-continuous surfaces each in a different plane.

2. (Original) The ordnance venting system of claim 1, wherein the rocket warhead section comprises a single compartment explosive fill.

3. (Original) The ordnance venting system of claim 1, wherein the rocket warhead section comprises a multiple submunitions.

4. (Canceled)
5. (Previously Presented) The ordnance venting system of claim 1, further comprising a second adapter,

wherein the rocket warhead section comprises a second connectable end,

the second adapter effective to connect, rigidly, to the second connectable end of the rocket warhead section.
6. (Canceled)
7. (Previously Presented) The ordnance venting system of claim 1, wherein the adapter is comprised of a thermoplastic material.
8. (Previously Presented) The ordnance venting system of claim 1, wherein the adapter is comprised of polycarbonate.
9. (Previously Presented) The ordnance venting system of claim 1, wherein the adapter is comprised of a polycarbonate filled with glass in an amount from at least about 30 weight percent.
10. (Previously Presented) The ordnance venting system of claim 9, wherein the adapter is comprised of a polycarbonate filled with glass in an amount ranging from about 30 weight percent to about 40 weight percent.

11. (Previously Presented) The ordnance venting system of claim 1, wherein the adapter is comprised of a nylon material.
12. (Previously Presented) The ordnance venting system of claim 1, wherein the adapter is comprised of a tetrafluoroethylene material.
13. (Canceled)
14. (Original) A rocket comprising the ordnance venting system of claim 1.
15. (Previously Presented) The rocket of claim 14, wherein the rocket warhead is selected from one of an unguided rocket warhead and a guided rocket warhead.
16. (Previously Presented) The ordnance venting system of claim 1, wherein the adapter melts at a temperature from at least about 350°F.
17. (Previously Presented) The ordnance venting system of claim 1, wherein the adapter structurally fails at a pressure from at least about 5000 psi.

18-20 (Canceled)

21. (Previously Presented) The ordnance venting system of claim 1, wherein the first mating surface comprises a portion substantially perpendicular to the first connectable end.

22. (Previously Presented) The ordnance venting system of claim 1, wherein the adapter comprises an external portion in relation to the first mating surface.

23. (Previously Presented) The ordnance venting system of claim 1, wherein the first mating surface is a substantially L-shaped first mating surface.

24. (Currently Amended) An ordnance venting system in a rocket warhead, comprising:

a first rocket section comprising a rocket warhead section having at least a first connectable end; and,

an adapter for melting at high temperatures ~~having~~ comprising a first mating surface and a second mating surface, the first mating surface of the adapter effective to rigidly connect to the first connectable end of the rocket warhead section and the second mating surface of the adapter effective to rigidly connect with a connectable end of a second rocket section comprising a fuze section,

wherein the adapter comprises an external surface portion, and

wherein the first mating surface and the second mating surface are non-continuous surfaces each in a different plane.

25. (Previously Presented) The ordnance venting system according to claim 24, wherein the external surface portion contacts the first connectable end and the second rocket fuze section.

26. (Previously Presented) The ordnance venting system according to claim 24, wherein the external surface portion is situated substantially intermediate the first connectable end and a portion of the second rocket fuze section